

### 3. Dmitry

**Program Name: Dmitry.java**

**Input File: dmitry.dat**

Dmitry has had pancakes for breakfast every morning since he was three. Because of this, he is obsessed with stacking things. He noticed that the pancakes on his plate are rarely the same size. So the cooks always put the smaller pancakes on top of larger pancakes. Thus, the smallest is on top and the pancake sizes increase in size all of the way to the bottom of the stack.

Dmitry wants a program that will read in a list of integers. The program will sort those integers and display them with X's from the smallest value until the largest.

Example, if the numbers were, 1, 7, 2 and another 2, the numbers would be rearranged to create 1,2,2,7. This stack will be represented by 1X, 2Xs, 2Xs, and finally 7Xs.

```
X
XX
XX
XXXXXXX
```

**Input:**

The first line consists of a number N, representing the number of lines of data to follow. N will be in the range of [1,50]. The next N lines of data consist of at least one whole number, but not more than 20. And each number in the list will be in the range [1,25].

**Output:**

Each data set will be represented by a series of lines consisting of upper case Xs.

**Sample input:**

```
5
1 2 3 4 5 6 7 8 9 10
5 4 3 2 1
2 4 6 7 5 3
12
4 4 6 6 8 8 1 1
```

**Sample output:**

```
X
XX
XXX
XXXX
XXXXX
XXXXXX
XXXXXXX
XXXXXXXX
XXXXXXXXX
XXXXXXXXXX
XXXXXXXXXXX
X
XX
XXX
XXXX
XXXXX
XX
XXX
XXXX
XXXXX
XXXXX
XXXXX
XXXXX
XXXXXXXXXXXX
X
X
XXXX
XXXX
XXXXXX
XXXXXX
XXXXXXXX
XXXXXXXXX
```